

Andaman and Nicobar Forest Guard Exam Pattern

Part	Subject Name	No of Questions	Max Marks	Duration
Part I	English Language	30	30	2 hours
Part II	General Knowledge	30	30	
Part III	Mathematics	30	30	
Part IV	Science (Physics, Chemistry & Biology)	30	30	

Andaman and Nicobar Forest Guard Syllabus -Topics Wise

General English

- Active and Passive Voice
- Completion
- Sentence
- Spelling Test
- Error Correction (Underlined Part)
- Transformation
- Para Completion
- Joining Sentences
- Substitution
- Spotting Errors
- Error Correction (Phrase in Bold)
- Idioms and Phrases
- Sentence Arrangement
- Sentence Improvement
- Synonyms
- Antonyms
- Substitution
- Prepositions
- Fill in the blanks
- Passage Completion

General Knowledge

- Heritage and Arts
- History
- Current Affairs
- Important National Facts
- Dance
- Currencies
- Bird
- Animal
- Abbreviations
- Discoveries
- Anthem
- Diseases and Nutrition
- Song
- Flag
- Monuments
- Personalities
- Culture
- Freedom Movement
- Championships
- Winners
- Number of Players
- Terms
- Common Names
- Full forms
- Soil
- Rivers
- Mountains
- Ports
- Inland Harbours
- Religion
- Dance
- Heritage and Arts
- Awards
- Flower
- Authors
- Defense
- Culture
- Religion
- Languages
- Capitals

- Wars

Mathematics

- Permutations and Combinations
- Vectors
- Sets and Set Theory
- Exponential and Logarithmic Series
- Limits and Continuity
- Applications of Derivatives
- Matrices
- Definite Integrals
- Indefinite Integrals Binomial Theorem
- Determinants
- Relations and Functions
- Probability Function
- Logarithms
- Complex Numbers
- Conic Sections
- Quadratic Equations
- Sequences and Series
- Trigonometry
- Cartesian System of Rectangular Coordinates
- Statistics
- Introduction to Three Dimensional Geometry
- Straight Lines
- Circles
- Differentiation

Physics

- Thermodynamics
- Statistical Mechanics
- Nuclear and Particle Physics
- Quantum Theory and its Applications
- Electromagnetic Theory
- Electronics
- Experimental Physics
- Mathematical Methods
- Classical Mechanics

- Relativity
- Atomic
- Molecular Physics
- Condensed Matter Physics

Chemistry

- Redox Reactions
- States of Matter
- Equilibrium
- Thermodynamics
- Processes of Isolation of Elements
- Coordination Compounds
- Haloarenes
- P, D, F Block Elements
- Hydrogen
- D Block Elements
- Alkali and Alkaline earth metals (S Block)
- Alcohols
- Haloalkanes
- Chemical Kinetics
- Aldehydes
- Phenols
- Ketones
- Ethers
- General Organic Chemistry
- Biomolecules
- Environmental Chemistry
- Amines
- Chemistry in Everyday Life
- General Chemistry
- Surface Chemistry
- Structure of Atom
- Electrochemistry
- Hydrocarbons
- Periodicity
- Solid State
- Carboxylic Acids
- Solutions
- Classification of Elements

- Molecular Structure
- Chemical Bonding

Biology

- Pteridophyte
- Morphology of Angiosperm
- Anatomy
- Bryophytes
- Algae, Fungi
- Plant Diseases
- Viruses
- Bacteria
- Plant Succession
- Environmental Pollution
- Gymnosperm
- Cell Biology
- Embryology of angiosperms
- Biochemistry
- Plant growth and growth hormones
- Plant Physiology

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